Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME 48.

1. BELL, LOUIS.— On the Ultra Violet Component in Artificial Light. pp. 1–29 2 pls. May, 1912. 40c.
2. WALCOTT, HENRY P.— Alexander Agassiz. pp. 31–44. June, 1912. 30c.
3. PHILLIPS, H. B. and MOORE, C. L. E.— A Theory of Linear Distance and Angle. pp. 45–80. July, 1912. 50c.
4. CHIVERS, A. H.— Preliminary Diagnoses of New Species of Chaetomium. pp. 81–88. July, 1912. 20c.
5. KENT, NORTON A.— A Study with the Echelon Spectroscope of Certain Lines in the Spectra of the Zinc Arc and Spark at Atmospheric Pressure. pp. 91–109. 2 pls. August, 1912. 50c.
6. KENNELLY, A. E., and PIERCE, G. W.— The Impedance of Telephone Receivers as affected by the Motion of their Diaphragms. pp. 111–151. September, 1912. 70c.
7. THAXTER, ROLAND.— New or Critical Laboulbeniales from the Argentine. pp. 155–223. August, 1912. 70c.
8. HOTSON, JOHN WILLIAM.— Culture Studies of Fungi producing Bulbils and Similar Propagative Bodies. pp. 225–306. October 1912, $1.50.
9. BRIDGMAN, P. W.— Thermodynamic Properties of Liquid Water to 80° and 12000 Kgm. September, 1912, pp. 307–362. 70c.
10. THAXTER, ROLAND. — Preliminary Descriptions of New Species of Rickia and Trenomyces. September, 1912. pp. 363–386. 40c.
11. WILSON, EDWIN B., and LEWIS, GILBERT N.— The Space-Time Manifold of Relativity. The non-Euclidean Geometry of Mechanics and Electromagnetics. November, 1912. pp. 387–507. $1.75.
12. WEBSTER, D. L. — On the Existence and Properties of the Ether. pp. 509–527. November, 1912. 40c.
13. JEFFREY, EDWARD C.— The History, Comparative Anatomy and Evolution, of the Araucarioxylon Type. Parts 1–4. November, 1912. pp. 531–571, pls. 1–8. $1.00.
14. SANGER, CHARLES ROBERT and RIEGEL, EMILE RAYMOND.— The Action of Sulphur Trioxide on Silicon Tetrachloride. pp. 573–595. January, 1913. 40c.
15. CLARK, A. L.— An Electric Heater and Automatic Thermostat. pp. 597–605. January, 1913. 10c.
16. HOLDEN, RUTH.— Cretaceous Pityoxyla from Cliffwood, New Jersey. pp. 607–624. 4 pls. March, 1913. 45c.
17. TABER, HENRY.— On the Scalar Functions of Hyper Complex Numbers. pp. 625–667. March, 1913. 80c.
18. MARK, KENNETH L.— Preliminary Study of the Salinity of Sea-water in the Bermudas. pp. 669–678. April, 1913. 20c.
19. HEIDEL, WILLIAM ARTHUR. — On Certain Fragments of the Pre-Socratics: Critical Notes and Elucidations. pp. 679–734. May, 1913. 80c.
20. CHESTER, W. M. The Structure of the Gorgonian Coral Pseudoplexaura crassa Wright and Studer. pp. 735–773. 4 pls. May, 1913. 65c.

(Continued on page 2 of Cover.)

PUBLICATIONS

OF THE

AMERICAN ACADEMY OF ARTS AND SCIENCES.

MEMOIRS. OLD SERIES, Vols. 1–4; NEW SERIES, Vols. 1–13. 16 volumes, $10 each. Half volumes, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

Vol. 11. PART 1. Centennial Celebration. 1880. pp. 1–104. 1882. $2.00.

PART 2. No. 1. Agassiz, A.— The Tortugas and Florida Reefs. pp. 105–134. 12 pls. June, 1885. (Author's copies, June, 1883.) $3.00.

PART 3. Nos. 2–3. Searle, A.— The Apparent Position of the Zodiacal Light pp. 135–157 *and* Chandler, S. C.— On the Square Bar Micrometer. pp. 158–178. October, 1885. $1.00.

PART 4. No. 4. Pickering, E. C.— Stellar Photography. pp. 179–226. 2 pls. March, 1886. $1.00.

PART 4. No. 5. Rogers, W. A., and Winlock, Anna.— A Catalogue of 130 Polar Stars for the Epoch of 1875.0, resulting from the available Observations made between 1860 and 1885, and reduced to the System of the Catalogue of Publication XIV of the Astronomische Gesellschaft. pp. 227–300. June, 1886. 75c.

PART 5. No. 6. Langley, S. P., Young, C. A., and Pickering, E. C.— Pritchard's Wedge Photometer. pp. 301–324. November, 1886. 25c.

PART 6. No. 7. Wyman, M.— Memoir of Daniel Treadwell. pp. 325–523. October, 1887. $2.00.

Vol. 12. 1. Sawyer, E. F.— Catalogue of the Magnitudes of Southern Stars from 0° to — 30° Declination, to the Magnitude 7.0 inclusive. pp. 1–100. May, 1892. $1.50.

2. Rowland, H. A.— On a Table of Standard Wave Lengths of the Spectral Lines. pp. 101–186. December, 1896. $2.00.

3. Thaxter, R.— Contribution towards a Monograph of the Laboulbeniaceæ. pp. 187–430. 26 pls. December, 1896. $6.00.

4. Lowell, P.— New Observations of the Planet Mercury. pp. 431–466. 8 pls. June, 1898. $1.25.

5. Sedgwick, W. T., and Winslow, C. E. A.—(I.) Experiments on the Effect of Freezing and other low Temperatures upon the Viability of the Bacillus of Typhoid Fever, with Considerations regarding Ice as a Vehicle of Infectious Disease. (II.) Statistical Studies on the Seasonal Prevalence of Typhoid Fever in various Countries and its Relation to Seasonal Temperature. pp. 467–579. 8 pls. August, 1902. $2.50.

Vol. 13. 1. Curtiss, D. R.— Binary Families in a Triply connected Region with Especial Reference to Hypergeometric Families. pp. 1–60. January, 1904. $1.00.

2. Tonks, O. S.— Brygos: his Characteristics. pp. 61–119. 2 pls. November, 1904. $1.50.

3. Lyman, T.— The Spectrum of Hydrogen in the Region of Extremely Short Wave-Length. pp. 121–148. pls. iii–viii. February, 1906. 75c.

4. Pickering, W. H.— Lunar and Hawaiian Physical Features Compared. pp. 149–179. pls. ix–xxiv. November, 1906. $1.10.

5. Trowbridge, J.— High Electro-motive Force. pp. 181–215. pls. xxv–xxvii. May, 1907. 75c.

6. Thaxter, R.— Contribution toward a Monograph of the Laboulbeniaceæ. Part II. pp. 217–469. pls. xxviii–lxxi. June, 1908. $7.00.

Vol. 14. 1. Lowell, Percival.— The Origin of the Planets. pp. 1–16. pls. i–iv. June, 1913. 60c.

PROCEEDINGS. Vols. 1–47, $5 each. Discount to booksellers 25%; to members 50%, or for whole sets 60%.

The individual articles may be obtained separately. A price list of recent articles is printed on the inside pages of the cover of the Proceedings.

Complete Works of Count Rumford. 4 vols., $5.00 each.

Memoir of Sir Benjamin Thompson, Count Rumford, with Notices of his Daughter. By George E. Ellis. $5.00.

Complete sets of the Life and Works of Rumford. 5 vols., $25.00; to members, $5.00.

For sale at the Library of THE AMERICAN ACADEMY OF ARTS AND SCIENCES, 28 Newbury Street, Boston, Massachusetts.